

TORCHMATE 1

WHO IS THE BEST FABRICATOR? YOU ARE!

Most people who have a need for a CNC cutting machine are metal fabricators, who, given enough time, could probably design their own table. However, just because they can doesn't mean they should. While CNC machines may look simple, it takes hours of experimentation and modifications before your circles are true and your outcome is repeatable. Spending countless hours of your time only to end up with an inferior machine with no warranty is senseless. Your time is better spent using the machine to do what you intended - cutting!

Those who want to save money by doing the majority of the fabrication can do so by purchasing a Torchmate 1 do-it-yourself weld together kit. The Torchmate 1 is the original CNC table for the do-it-yourself crowd. It allows shops to benefit from the CNC process without justifying the high cost of large industrial units.

Your Torchmate 1 will do the same cutting your shop currently does 50 to 100 times faster than

by hand. Using your mind and not your hands, allows you to work smarter, not harder. Enabling your business to compete in a growing automated market.

The Torchmate 1 kit is available from a 4'x4' to a 6'x20' cutting area. Requiring metal fabrication skills, you construct and assemble the entire gantry and table from steel you purchase locally. We provide plans, software, electronics, all the brackets, control components, motors, cables, and the technical support to back you up. You follow our full color directions to create a machine that fits your shop needs, layout, and demands.

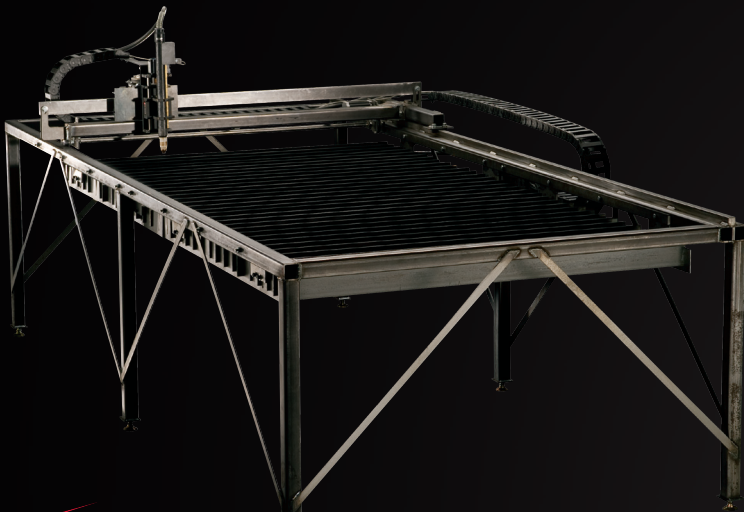
It is not uncommon for Torchmate 1 owners to run their machines 8-10 hours per day, 365 days per year. The Torchmate 1 has permitted thousands of customers to realize the precision and efficiency of CNC production that once was thought to be out of reach.



TM1

WHAT IS A DIY WELD KIT?

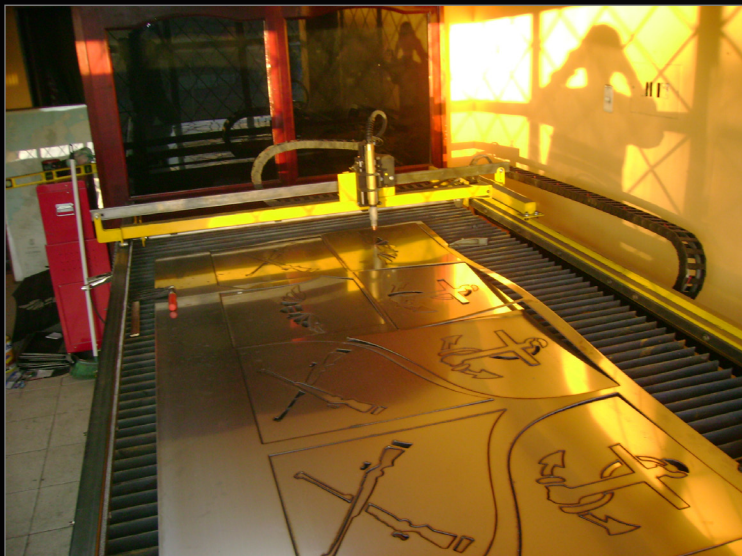
Torchmate's DIY Weld kit includes the basic items you'll need to fabricate a world-class CNC cutting machine. We've eliminated all of the complicated design work so the trial and error of developing your own system is eliminated. You weld the main table and fabricate the gantry according to the provided plans. Standard features of a DIY kit include complete instructions, steel brackets, micro-stepper drive motors, USB plug 'N' play control box, cables, gears and racks, guide rollers, timing pulleys, belts, and software. The electronics and software are user friendly and require you only to connect the electronics according to full instructions provided with the system. By providing your own local steel you save on shipping and are able to build any size table without drastically changing the price you pay. With the DIY weld kit it is easy to customize a CNC table to suit your needs.



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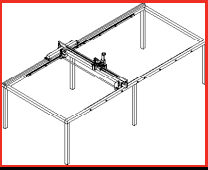
280 SOUTH ROCK BLVD. SUITE 150 RENO, NV 89502
INTERNATIONAL: (775) 673-2200 TOLL FREE: (866) 571-1066 SOUTH AMERICAN BRANCH: 57 (1) 5669006

CUSTOMER BUILDS



SPECIFICATIONS

TM1 DIY WELD KIT



MODEL FEATURES:

- Scalable weld together kit
- Customize to fit any shop

CUTTING AREA:

- 4' X 4' up to 6' X 20'

TABLE TYPE:

- DIY Weld together kit with various material support options
- Complete table can be customized

STANDARD EQUIPMENT :

- Two motor driven
- USB control box

CONSTRUCTION:

- Weld together frame and gantry
- Built to the demands of your shop

ELECTRONICS/MOTION SYSTEM :

- 3.5 amp micro-stepping motor drives
- 380 oz. in. motors

USER CONTROLS:

- PC based control software with USB interface

INPUT POWER:

- 15 amp / 110 volt for controls • 220 volt available

DRIVE SYSTEM:

- Rack and pinion drive
- Drive shaft spans width of table

TRAVERSE SPEED:

- Up to 500 ipm

CUT SPEED:

- Up to 400 ipm

MACHINE RESOLUTION:

- .0003" approx.

AVAILABLE PLASMA UNITS:

- Compatible with most air plasma cutters utilizing non-high frequency start

STANDARD SOFTWARE:

- Torchmate Driver Software (accepts any .dxf or G-code)

OPTIONAL SOFTWARE:

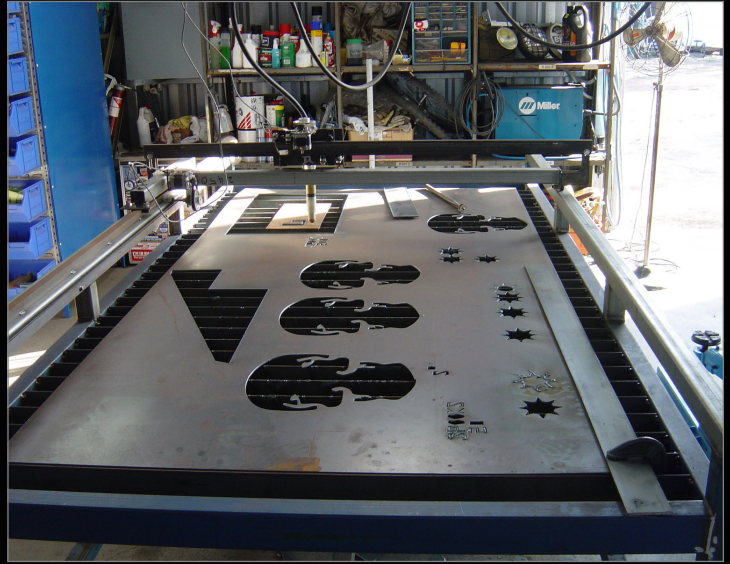
- Torchmate CAD/CAM Full
- Design2Fab®
- BobCAD CAM®

COMPUTER REQUIREMENTS:

- Windows XP/Vista/7 • 1 GHz processor
- 1 GB RAM • 30 GB hard drive

WARRANTY:

- 1 year warranty on electronics, parts, and software
- Lifetime unlimited free technical support



“Thanks to my Torchmate CNC plasma table, my business has taken off! My machine has already paid for itself...”

Glen Porter | U S Metal Cutting



A Lincoln Electric Company

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